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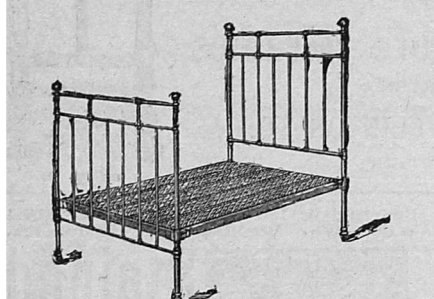
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Fine and Medium Furniture Frames,
257 DIVISION STREET,
CHICAGO.
SEND FOR ILLUSTRATED CATALOGUE.

Williamsport Furniture M'fac'g Co.
(LIMITED).
WILLIAMSPORT, PA.
Branch Store, 121 North Second St., Philadelphia, Pa.
MANUFACTURERS OF



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Plain and Ornamental Iron Bedsteads
For Hospitals and Private Use. The best, most durable, and comfortable spring mattress in use. Brass Bedsteads, Hair Mattresses, Cotton and Husk Mattresses, Feather Beds, Pillows, etc.
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ELECTRIC HOUSE BURGLAR ALARMS,
Electric House and Hotel Annunciators.
Electric Calls and Signals for every purpose; Gas Lighting by Electricity; Electric Work of all kinds promptly and carefully attended to. Twenty years practical experience.
Holmes Burglar Alarm Telegraph Co.
518 BROADWAY, NEW YORK.

Wood Mosaic Veneers for Inlaid Work
ON FURNITURE, CABINET DECORATIONS,
AND EXQUISITE BIJOU WORK.

Messrs. NAUMANN & FLEISCHMAN, Sole Agents for the United States and Canada, would call the attention of Manufacturers of Fine Furniture for artistic effect, that they are in receipt of the handsomest designs in the above goods ever shown in this market.

WE INVITE AN INSPECTION.

NAUMANN & FLEISCHMAN,
No. 6 West Fourteenth Street, Room 4,
NEW YORK.

The Publisher will furnish the name and address of the maker of goods mentioned in this column. In order to avoid the appearance of advertisements, no name will be attached to notices herein.

HINTS AND NOTIONS.

An Amateur's Studio. Fashion, as well as convenience, has advocated a home studio for amateur artists. A room lighted from one side only is usually selected for this purpose. But where there are windows on two sides, those on one side are covered with heavy drapery that effectually excludes the light; the effect is prettier if the drapery covers the entire side of the room and not the windows only. For the other windows, if there are two on the same side, one is arranged with a dark green shade across the lower panes, and a rolling shade for the upper ones. The remaining window can be made as ornamental as desired. One young lady covered the upper portion of hers with the imitation of stained glass, in a pretty, simple design. Across the lower panes, on a brass rod, hung a silk curtain tastefully embroidered in rich colors. Between the two windows, forming two alcoves, was a large screen, such as one usually sees in a photographer's room; instead of the impossible landscape depicted on them usually, this one was covered with a dove-colored cambric, on which was painted deep red roses. A fringe several inches wide was of Hartford ferns. In the alcove directly in front of the first window was a plain black walnut easel. A large stand with revolving top stood at one side, on which were the colors, palette, and brushes; this was the real working corner, the other portion of the room being devoted to the ornamental as well as the useful. The floor was stained a dark brown and well polished. A black bearskin rug was the principal floor covering. Under the stained glass window stood an old-time narrow table with spindle legs; a large jar, usually filled with flowers, was reflected in its polished surface; a silver tankard and an ancient bronze night lamp were the other ornaments. Near the window hung a Claude Lorraine mirror, and below that a brass sconce. Two or three high-backed chairs, the mahogany quite black with age, stood against the wall, while in one corner a large bamboo chair had an opened Japanese umbrella fastened to the back, and made a bit of bright color in the darkest corner of the room. The walls, of a dull red, were nearly covered with sketches in oil, water-colors, and crayon, sometimes one study in all three. A long narrow canvas in a wide maple band was a bed of pansies, and hanging high on the wall, the effect was very good; one or two figure pieces gave variety amid the landscapes and flower pieces, the charm of all being the owner's individual work. A small cabinet held some quaint pieces of china, and some antique bits of drapery were arranged in odd places about the room. An ebonized easel held a collection of engravings. This was not only a pretty, pleasant place to work in, but made a cosy little room to receive intimate friends in.—*Demorest's Monthly Magazine.*

Among the colors suitable for borders the following may be recommended as harmonies of contrasts:

For yellow hangings, violet and blue mixed with white.

For green hangings, red in all its hues, in fringes, flowers or ornaments.

For blue hangings, orange and yellow.

An English (Birmingham) firm has discovered and registered a new metal, which they have named silveroid. This metal, an alloy of cadmium, is of great whiteness, brilliancy, and tensile strength, and can be produced at comparatively small cost.

Pearl gray, or normal gray a little deeper, is a good tint to receive engravings and plain lithographs in yellow wood or gilt frames.

Blue curtains will bring out the golden tint of many woods, especially of polished oak. Geranium red is a favorite color.

JOHN TOLER, SONS & Co.,
MANUFACTURERS OF
Fine Furniture Casters.




We are making all kinds and sizes, from the ordinary

PLATE AND BED,
Up to the finest kinds used on First-class Furniture. Over seven hundred sizes and kinds of these Goods can be obtained through the

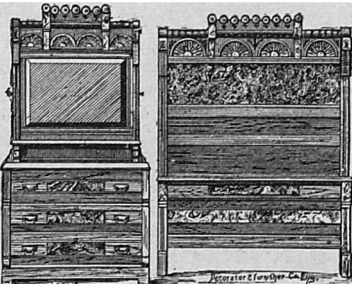
Principal Cabinet Furnishing Houses

In the States, arrangements with whom enable them to sell at our lowest prices. Special sizes and designs will be gotten up for the accommodation of our customers.

Wheels may be made of leather, especially adapted to marquetry floors, as noiseless as soft rubber, and, unlike rubber, will not lose their elasticity for years. We have known them to wear for thirty years.

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LAW BROTHERS,
MANUFACTURERS OF
CHAMBER FURNITURE,
Sideboards and Chiffoniers,
103 HAVERHILL STREET,
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We sell the Suit shown in cut, in Walnut or Cherry, for \$26

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Successor to PARKER & GILLESPIE,
MAKER OF THE FINEST GRADES OF
Varnishes and Hard Oil Finish
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Correspondence Solicited. **NEW YORK.**

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209 BOWERY, NEW YORK,
Importers and Jobbers of
UPHOLSTERY GOODS,
Invite attention to their extensive line of
PLAIN AND EMBOSSED
Silk and Mohair Plushes,
And a large variety of
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And Trimmings.
SILK AND COTTON VELVETS. CABINET CLOTH AND FELT.
AGENTS FOR PAWTUCKET HAIR CLOTH,
MANUFACTURERS OF STEEL FURNITURE SPRINGS.

A COMPLETE ASSORTMENT OF
CABINET HARDWARE,
Including all the Specialties in that line.
A Large Variety of Drawer Pulls, Hat Pins, Toilet Screws, etc., etc.
SOLID LEATHER BUTTONS
IN MANY DESIGNS; ANY COLOR TO MATCH COVERINGS.
Send for Illustrated Catalogue.

ALEXANDER MATIER,
(17 years with H. H. Dyer.)
No. 12 East Seventeenth Street,
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FINEST UPHOLSTERY
IN ALL ITS BRANCHES.

Patrons can select from samples of the latest patterns, kept constantly on hand, or by themselves, out of the stocks of leading houses in the trade. Curtain Drapery and Hangings a specialty.

Fine Upholstery and Decorations
IN ALL BRANCHES.

Work for Architects a Specialty.

PHILIP BENDER,
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HENRY LUFT,
DESIGNER AND MAKER OF
Fine Art Cabinet Furniture,
180 & 182 WEST HOUSTON ST.,
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PH. FREITAG,
Manufacturer of
Parlor Suits and Rich Cabinets,
INLAID TABLES, PIER FRAMES,
AND CORNICES,
70 Bedford Street, New York.

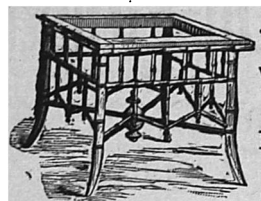
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Designer and Manufacturer of
Fine Art Furniture

TO ORDER.
Artistic Antique Work a
Specialty.
427 Locust Street,
PHILADELPHIA.

Refers by permission to
Geo. W. Childs, Esq. and Hon. Wayne McVeach.

ARTISTIC CABINET WORK
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Hardwood Doors, Cellings, Mantels, Trimmings,
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J. Lovezzo & Bro.
Cabinet Makers,
WOOD TURNERS
AND
Manufacturers of
Imitation Bamboo
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Furniture in Bamboo Style,
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FIRE GILDING ALSO DONE.

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MANTELS, SIDEBORDS, ETC.
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Antique Furniture,
In Artistic Styles.
CORNER CHAIRS,
NOVEL DESKS,
Wood Mantels made to
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Particular attention paid to
French Polishing.

100 Utica Street, Boston, Mass.

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ARCHITECTURAL
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Ornamental Wood Carver.
Special Designs of High Artistic Excellence executed for
Architects and Furniture Manufacturers.
No. 2119 KIMBALL ST., PHILADELPHIA.
Correspondence solicited and Estimates furnished.

H. GRUBENBECHER,
Steam Machine Carving Works,
MANUFACTURER OF NOVELTIES,
159 LUDLOW STREET,
NEAR STANTON STREET. NEW YORK.
FIGURE CARVING A SPECIALTY.

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HINTS AND NOTIONS.

There are many light articles of Japanese manufacture which serve admirably for the purposes of decoration in country houses, and are especially appropriate in rooms furnished with rattan or bamboo. While much of the Japanese work is as rare and costly as the most extravagant connoisseur can desire, the more inexpensive of these ornamental wares may be very effectively used. The little Japanese pictures with their vivid colorings and quaint figures can be obtained mounted in stripes on a foundation of strong paper long enough for a frieze. Fans are found in an endless variety of colors, shapes, and sizes, and numerous lacquered ornaments, such as trays, brackets, and boxes, are pretty and inexpensive. A room may be made consistently Japanese at very moderate cost, and, at the same time, be bright, airy, and easily kept clean. A small summer parlor may have a floor covering of endless straw matting, if the floor is not even enough to be left bare and painted. The wall may have a flat coat of color in pale olive or straw color, or a paper of similar tone with a small all-over design. A width of Japanese cloth, which has a soft crapy surface with a ground of dull blue and a small design in reds and olives, may be hung from a dado molding with just fullness enough to let it hang easily without folds. A bright picture frieze is better than the ordinary wall paper border. Curtains of Japanese chintz, which can be obtained in ten yard pieces for \$5 each, may be hung from small brass poles. A rattan lounge, with comfortable pillows covered with India pongee, rattan chairs, with cushions of the best quality of cretonne, little rattan tables, and for a work basket a Japanese basket mounted on three crossed bamboo supports just high enough to stand beside the low sewing chair, will give very convenient and dainty furnishings. The grate, which should be left in place with the fire laid through the summer, may be concealed by a bamboo screen with a bit of silk embroidery. A slender vase of blue and one of yellow crackle, a few good lacquered ornaments, and a bit of cloisonné, if one can indulge in the genuine article, a little bamboo cabinet or bookcase, and a few bright Japanese scrolls in the dark corners, will give abundance and variety of ornament, while a few prints or etchings, framed in narrow wood moldings, and one or two quiet water color landscapes, will complete the belongings of a room which will be healthful, restful and beautiful.—MARTHA HOWE-DAVIDSON.

A very strong mucilage, having sufficient tenacity to fasten sheets of pasteboard together, and having the additional advantage of being waterproof, can be made by melting together equal parts of pitch and gutta percha. To nine parts of this add three parts of boiled oil and one-fifth part of litharge. Continue the heat with stirring until thorough union of the ingredients is effected. Apply the mixture hot or somewhat cooled, and thinned with a small quantity of benzole or turpentine oil.

A new door is suggested by an English writer which is both practicable and sensible. It is so constructed that the portion bearing the panels and therefore all that part back of the knob can be made, by pressure, to open out in the opposite direction to that of the door entire. This would be valuable for large halls or public places where, in case of fire, the crowd can find means of egress whichever side of the door they chance to be on.

House Beautiful.

The growing tendency in Decorating Houses with many unique and beautiful wares and stuffs, seems to bring into demand many JAPANESE ART WORKS, for their truly artistic and unique designs.

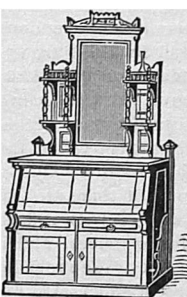
THE FIRST JAPANESE
MANUFACTURING & TRADING CO.,
865 Broadway, New York,
Have a large and varied stock for HOUSE DECORATION, to which they wish to call the attention of those who are FURNISHING AND DECORATING HOUSES, and those who are looking for something UNIQUE AND BEAUTIFUL.



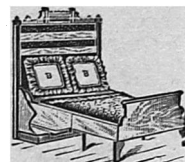
The First Japanese Manufacturing & Trading Co.
Retail Department, 865 Broadway. Wholesale Department, 466 Broadway.

The + Only + Perfect + Folding + Parlor + Bed,

"THE ANDREWS."



Every consumer who looks into the merits of the different beds offered, concedes the superiority of the "Andrews." It has points of excellence possessed by no other; is freer from defects than any other, and is warranted not to sag.



Send for Circular.

KEELER & COMPANY,

83 to 91 Washington Street, corner Elm Street,
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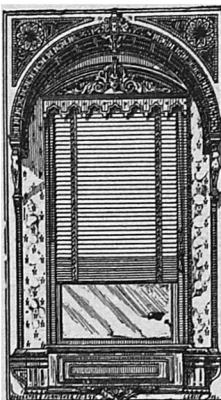
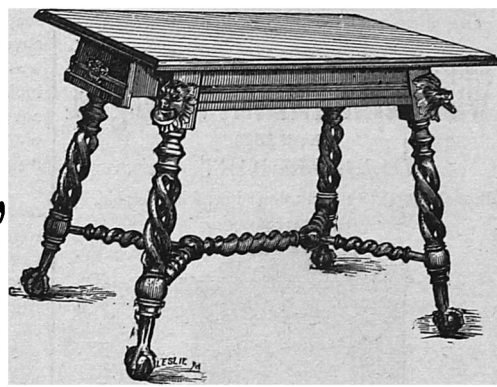
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Fancy Spiral Furniture,

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VENETIAN BLINDS.

Public and private buildings furnished with any quantity of **VENETIAN BLINDS** desired, in every variety of wood or imitation, or painted to match any color.

Estimates given and orders by mail promptly attended to.

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Fine Furniture Frames
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NEW YORK.



No. 330.

ASH BACKS.

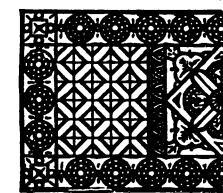
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Manufacturers of Novelties in
Bullion, Fancy & Chenille Fringes
BORDERS, GALLOONS, GIMPS, CORDS, TASSELS,
ETC., ETC.,
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Rand Manufacturing Co.,
Manufacturers of and Dealers in
Parlor Furniture, Lounges,
Chairs, Tete-a-Tetes, Tables
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PRATT AND SHARP STS.
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Horn Furniture and Leather Lambrequins a specialty; also Ornamental Leather Work.
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Beautiful & Lasting for ORNAMENTING
WINDOWS, DOORS, TRANSOMS, &c.



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H. STEFAN,
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All orders in the city or country promptly attended to in person.

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IMPORTERS AND DEALERS IN
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Of all descriptions for Floors, Walls, Hearths, Fireplaces, and Decoration generally.

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Roman Mosaic, Art Pottery.
N.B.—Special attention paid to the furnishing
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mates given for same fitted complete.

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Minton's Artistic Tiles. SHARPLESS & WATTS,

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Newest designs for Floors and Walls. Richly glazed
Tiles for Hearths and Fireplaces. Chéfs d'œuvres of
Art Painted Plaques for Mantels, Cabinets, Panels, etc.

AMFAHR'S Art Stained Glass

For Church, Memorial and Ornamental Windows.

AT REASONABLE PRICES,

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DESIGNS FURNISHED ON APPLICATION.

ALFRED BOOTE, 11 EAST 19TH ST.,

Manufacturer and Importer of

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OF ALL DESCRIPTIONS.

From MINTON'S, Maw's, Boote & Co.

MOSAICS in stock and made to order.

LARGE STOCK OF

Mantels, Grates and Open Fireplaces.

Special designs made to suit customers free of charge.
Experienced men kept to set Mantels, Grates and Tiles



SPANISH TILES.

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ARTISTIC Stained Glass.

NEW DESIGNS IN PROGRESS OF WORK.

MEMORIAL WINDOWS.

Door Lights, Window Panels,
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FIRE SCREENS, &c., &c.

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ALFRED GODWIN & CO., Stained Glass.

Memorial and Figure Windows
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LEADED MOSAICS FOR DWELLINGS, ETC.

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247, 249 & 251 WILLOUGHBY STREET, BROOKLYN.

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and address of the maker of goods men-
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HINTS AND NOTIONS.

Costly trash. The rage for antiques and
ornamental bric-a-brac is shown by a recent
auction sale in London, when some \$440,000
was paid for a collection of art pottery and
curiosities that had been accumulating for four
generations in the Fountaine family, of Norfolk,
England. The sale lasted three days, and was
attended by collectors from all Europe, who
competed so eagerly that the collection sold for
the preposterous amount of \$91,000. In one
instance, £7,300 was given for a single dish;
in another, a candlestick fetched £3,675; in a
third, two candlesticks, bought to be resold to
the nation, cost £1,800; and in a fourth, £4,452
was paid for an ivory horn without a history.
A ewer was knocked down at £2,415; a sunk
dish, in enamels, was purchased for £2,940; an
oval dish went for £798; and a "small, deep
faience dish," which Mr. Fontaine bought from
the Bernal collection for £39, realized £377
10s. It is well, perhaps, to keep up the con-
nection between the several generations by
preserving and honoring all kinds of artistic
work. We are apt to think that human excel-
lence in art and industry is confined to our own
times; but the works that have come down to
us prove that the men of the past were as
clever, ingenious and more thorough than those
that live in our own time; but the rage for old
dishes, candlesticks, and puerile ornaments
that is occasionally revived has been carried of
late to an absurd extreme.

The use of colors was certainly known to
the Americans from the most remote antiquity.
The ochres, soot black and lime doubtless
furnished them their first coloring elements,
and there was nothing in the idea of using
these pigments above the most primitive con-
ceptions. Experiment induced a rapid pro-
gress, and men learned to extract vegetable
colors from leaves, fruits, roots, stems and
seeds. A coloring matter was also borrowed,
like the Tyrian purple, from the sea mollusks.
The Peruvians and the Mexicans knew how to
place the colors upon their cloths. The goods
were then exposed to the action of the light,
and tints varying from a delicate rose color to
a dark violet were obtained. The colors were
so well fixed that they were not even modified
by the decomposition of dead bodies. In the
collection of cloths from the Peruvian huacas
at the Museum of the Trocadéro at Paris,
wrappings of mummies that have been buried
for centuries still retain the primitive color on
their time-eaten threads.—*American Register*
(Paris).

Tin lined copper pipes for the distribution
of water, and for all purposes in plumbing, are
coming into popular favor in Boston. The
manufacture is very simple. The copper is
tinned in the sheet before formed into pipe,
and the interior is subsequently coated with tin
by a very easy process. The cost is no greater
than that of lead pipe, strength for strength,
while the tin lining is not subject to decompo-
sition by carbonic acid, oxygen, or other corro-
sives, to the same extent as lead.—*Real Estate*
Record.

Bricks made of cork now constitute one of
the new German industries. The usual size is
ten by four and three-fourths and two and a
half inches. They are prepared from small
corks, refuse and cement, and have not only
been used for certain building purposes, on
account of their lightness and isolating prop-
erties, but are also employed as a covering for
boilers, in preventing the radiation of heat.

A very useful mural device for the dress-
ing-room is a plush covered board with small
hooks screwed upon it for hanging button
hooks, scissors, whisk broom and other small
necessaries upon, the board should be eight by
ten inches in size and ornamented with paint-
ing or embroidery as fancy dictates; suspend
by satin ribbon.

Papier mache is made by pasting or gluing
sheets of straw or other thick paper together
when wet and pressing to the shape of the
mold, or making a pulp of the paper material
and pressing the pulp into molds.

As a polishing paste for cleaning and re-
storing tarnished nickel, use chalk or rouge
mixed with tallow.

THOMAS G. AICKIN,

MANUFACTURER OF

Stained, Enameled, Embossed and Cut Glass,

IN EVERY STYLE OF THE ART, MODERN AND ANTIQUE,

For Public and Private Buildings

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FRINK'S Patent Reflectors give the Most Powerful, the Softest,
Cheapest and the Best Light known for Churches, Stores, Show Windows,
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The Most Perfect Substitute for Stained Glass.



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WHOLESALE DEPOT for U. S., 32 Broadway,

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MEEKER & CO.,

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Repairing of every description of Bric-a-Brac
and Art Treasures, no matter how badly
broken. All kinds of Marble, Alabaster, Parian
and Terra-Cotta cleaned and repaired equal to
new. Bronze, Silver Ware, Ivory and Pearl Fans,
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cut to order. Missing parts made and painted to
defy detection. China and Glass Riveting a spe-
cialty. Repairing called for and delivered. Manu-
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NEAR BROADWAY,

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ARTISTIC ORNAMENTATION ON GLASS OF EVERY DESCRIPTION, for Steamboat, Car, House and Church Decoration.

Looking Glass Plates Ornamented in Gold and Silver. Monograms, Trade Marks, Crests, etc.,
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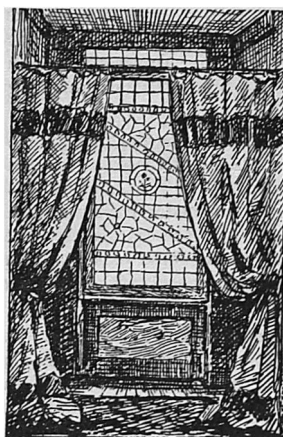
89 & 91 CHARLES ST., N. W. corner Bleeker St., NEW YORK.

OWINGS, LE DERLE & CO.,

Stained Glass, Mosaics, etc.

No. 21 EAST 17th STREET, bet. Broadway and 5th Ave.,
NEW YORK.

DESIGNS AND ESTIMATES FURNISHED.



"Eureka" Stained Glass A PERFECT SUBSTITUTE.

The "EUREKA" gives the most Perfect, Cheapest and Best
Decoration for Churches, Store Fronts, Offices, Parlor, Chamber
and Bathroom Windows, Sky and Dome Lights. It can be applied
to glass already in the sash without removing them.

ESTIMATES AND CIRCULARS FREE.

Send diagram of window, giving exact size of pane of glass
showing between the wood and the thickness of sash bars.

Responsible and Energetic Agents wanted outside of New York City.

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CHARLES H. TURNO, Jr., ART STAINED GLASS,

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ALSO,

MOSAIC GLASS FOR WALLS AND CEILINGS.

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Memorial Windows a Specialty.

ART GLASS,

IN SHEET AND DISCS.

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Manufacturers.

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The Williamson Art Metal Works,

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DESIGNER AND ARTIST IN
Fresco Decorations,
896 BROADWAY, ROOM 10,
NEW YORK.
Established since 1848.

JOHN LAW,
Decorative and Plain Painter,
PAPER HANGINGS, ETC.
Designs and Estimates Furnished.
1679 BROADWAY,
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Fresco Painters and Decorators.
PLAIN PAINTING, PAPER HANGERS.
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Decorative Art Designer & Painter
FOR DWELLINGS AND CHURCHES,
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WADSWORTH HOWLAND & CO.
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Importers & Dealers
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Materials
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BRONZE POWDERS,
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Artistic Metal Work.
Architects Designs followed in Wrought
Iron, Copper or Brass.
HINGES, DRAWER HANDLES,
NEWEL LAMPS, ETC., MADE TO ORDER.
VITALIS DUPUIS,
229 East Ninth Street,
NEW YORK.

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HINTS AND NOTIONS.

Silvered plate glass is produced by causing a slight coating of mercury to adhere to the glass. To obtain this result mercury must be retained by a metallic medium; it is, therefore, amalgamated with tin. Mercury, owing to its power of reflecting light very brightly, has been chosen as the best medium. The operation of silvering is briefly as follows: Upon a very smooth stone table a sheet of very thin tin is spread very carefully, so as to prevent all wrinkles. Upon this sheet mercury is rubbed all over, then as much mercury as the sheet will retain is poured over it. The glass plate is now carefully slipped over the edge of the stone table, as near as possible to the mercury, and lowered on it. All the parts previous to this operation have been carefully cleaned, and the plate is handled with pieces of tissue paper, to prevent the introduction of dirt. The plate is now covered with a cloth, and loaded with weights to expel the surplus mercury. When the plate has been weighted, the table is slightly inclined, and gradually increasing the inclination from time to time, until the mercury has been sufficiently drained; this generally requires twenty-four hours. The plate is now carefully taken up and carried over to an inclined wooden table, which is depressed gradually more and more to finish draining the mercury until the plate is supposed to be dry.

This is the process which used to be followed, but of late years plates have been silvered with a solution of silver. Mercury has injurious effects upon the health of workmen, as they are exposed to its dangerous emanations; these are rapidly absorbed by the skin and produce mercurial poisoning. The use of mercury has therefore been abandoned, and the new silvering process has been substituted. Several methods have been proposed for silver solutions, all springing, however, from the discovery of Liebig, that aldehyde (produced by a partial oxidation of alcohol), when heated with nitrate of silver, the revived metal covers the glass with a brilliant metallic coating.

One of the latest uses of paper, is to manufacture of it the floor of a roller skating rink. The floor, made of paper, is stated to give the very best of all surfaces for roller skating. This substance is rapidly coming into this use, and as roller skating steadily grows in popularity, there should be large business in the trade. The next move it may be supposed will be to construct the rinks themselves of paper, and to make the skates of it as well.

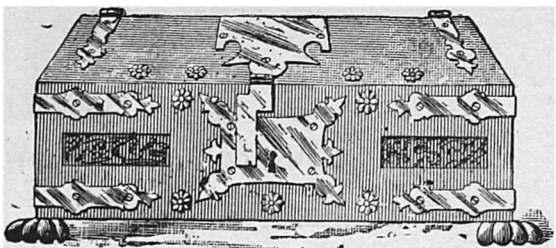
Leather may be restored to color, if not too far gone, by a slight application of oil. If this is not effectual put on blacking; let it dry; brush it off, and go over it again very lightly with oil. If very brown, black thoroughly and oil the leather afterward, and give to it a final and careful dressing of gum tragacanth dissolved in water.

It is stated that some Berlin capitalists have determined to establish a Japanese colony in a village constructed in the Japanese fashion. The colonists, about forty in number, are to be chosen so as to represent all the handicrafts in which the Japanese excel, and they are to work so as to be seen by those who wish to study their processes.

French shoe dressing: Vinegar, two pints; soft water, one pint; glue (fine), four ounces; logwood chips, eight ounces; powdered indigo, two drachms; bichromate potassium, four drachms; gum tragacanth, four drachms; glycerine, four ounces. Boil, strain and bottle.

MCCRAITH & MCCONCHIE,
MURAL PAINTERS
And Decorators in Fresco.

Paper Hanging done in the best manner, with the choicest patterns and latest designs from the leading manufacturers.
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Corner of Fulton and William Streets,
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The New Decoration for Side Walls and Ceilings.

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A room decorated with Solid Relief can be seen at the Casino, Central Park.

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Manufacturers of Fibrous Plaster and Papier Mache

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Memorial Windows in Stained Glass and Interior Decoration of every description, in Color or Solid Relief, for Private Residences and Public Buildings.

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*LOUIS W. HNATKOWSKI.

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Fruity,
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OFFICE :
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PAINTING IN ALL ITS BRANCHES.

H. M. LAWRENCE,
Ceilings, Friezes & Wall Surfaces,
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POTTERY COMPANY

MAXWELL'S
Prepared Gypsum

For Whitening and Coloring Stores, Dwellings, Churches, Mills, Hotels, Barns, or for any purpose where whitewash or kalsomine is used ;
A Beautiful,
Durable, and Cheap
wash for the wall, outside or inside; it will be good for years if kept covered with water. It is smooth, like paint. For use, reduce with water quite thin, and apply with kalsomine brush.

JOHN MAXWELL,
606 to 610 Washington Ave.,
PHILADELPHIA.

TITSINK & PHILLIPS,
MANUFACTURERS OF
Bronzes and Artistic Gas
Fixtures.
SPECIAL WORK FURNISHED FROM PRIVATE DESIGNS.
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No. 99 and 101 Public Square,
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Memorial Windows and Domestic Work of every kind
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GLOBES SPRING MAP ROLLERS
MAP CASES & DO ALL WORK
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Buildings, Stores and Dwellings Cleaned and
Disinfected. Woodwork, Furniture and Floors
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Store Windows and Show Cases Polished to per-
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ovating promptly done.

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HINTS AND NOTIONS.

Furniture in bedrooms should be as light in construction as is consistent with strength, and made of light wood. Ash furniture, oak, and satin wood are very suitable. Whenever possible, it is much desired on the score of health that furniture should be made in such a manner as to be easily moved. Woolen hangings should never be used in bedrooms, or woolen upholstery of any kind. Chintz or cretonne is what naturally suggests itself as most suitable for drapery, and there is much to be said in its favor, on account of its comparative cheapness and the immense variety of its designs.

Rustic frames are now out of date, but for young people and those who like to try their skill in everything, it may be as well to hint that quite pretty fancy frames of this description can be made from the bark of the sweet-gum tree, tacked on to an old frame with brads and then varnished over. The bark of the sweet-gum tree is very peculiar, being so rough as to resemble carved wood-work, so it can be easily laid on in imitation of what is most in vogue at present in the way of carved wooden frames, and the effect will be similar. The color, too—a rich dark brown—is very suitable for a frame.

Stained glass effects in satin patchwork are applied successfully to covers for foot-stools and sofa-pillows. The colors chosen are dull shades of pink, blue, green and red, with a relief of chrome yellow, and the pieces are first pasted on a strip of muslin of the required size. The central figure may be a small Maltese cross of dull blue, surrounded by pale yellow in a square larger than the cross. Beyond this the space may be filled in with oddly-shaped pieces arranged to fit systematically. The joinings should be concealed by fine black chenille or the narrowest black ribbon velvet.

A comfortable *tete-a-tete ottoman* may be made out of a flat box four feet long and two feet broad. Make a cushion for the top out of any soft material and nail it snugly on. Then make a cover out of some bright cretonne or Persian goods that will entirely conceal the box. Border this with braid, and fasten on by brass-headed tacks. Next make two square pillows, rather stiff, and cover with the same material, putting a tassel on each corner. Set these on the *tete-a-tete* so that they may lean against the wall. Do not have both together any longer than the ottoman.

A mortar for use on the walls of a Turkish or Russian bath, to sustain tiles, and which will resist the action of heated air and steam, is made of a mixture of commercial glycerine and finely powdered litharge. This will resist a temperature of 225°. A kalsomine which would resist heat and steam and suitable for the walls, would be zinc white in damar varnish, thoroughly dry.

Many new devices are to be seen in goblets and tumblers. Some of the handsomest goblets of cut glass are supported by dainty figures; others rest in the center of a palm leaf. The fashionable goblet of the moment is long and narrow, and is made of heavy cut glass, engraved with a wreath of ivy leaves and berries.

Brass work is best polished by rubbing with rotten stone and a little kerosene oil, which latter does not become acid, like vegetable or animal oils. After being well polished the daily marks may be removed by rubbing it each day slightly with whiting and wipe off with oily cloth.

A handsome dining-room in an up-town house has a dado and frieze of dark red matting bordering it. The dado has a design of yellow tulips running across the center. The floor is covered with the same matting, and the ceiling is arranged in panels of dark red.—*American Queen.*

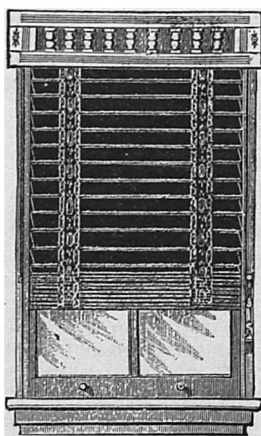
Carpets after the dust has been beaten out may be brightened by scattering upon them corn meal mixed with salt, and then sweeping it off; mix salt and meal equal proportions.

To preserve flowers dip them in a concentrated solution of arseniate of soda. It is very poisonous.

Ants may be driven out by sprinkling floor with Persian powder.

Basket work tables are pretty for summer houses.

Frames for panel pictures are now made from tortoise shell.



THE CELEBRATED PHILADELPHIA Venetian Blinds,

Of all sizes, kinds and qualities, Upholstered in the best manner and furnished at short notice. In various shades of GREEN, BROWN, DRAB, BLUE, STONE COLOR, LAVENDER, TAN COLOR, OLIVE, SAGE OR BOTTLE GREENS, In Light, Medium, or Dark Tints, or made of Natural Woods, such as Black Walnut, Chestnut, Cherry, Spanish Cedar, Mahogany, Maple, Cypress, Ash or Poplar, in either Varnish or Oil Finish.

Made of Slats, 1 1/4, 1 1/2, 1 3/4, 2 or 2 1/2 inches wide, with Linen, Worsted or Silk Trimmings.

These Blinds will fit any window, without alteration to window frames, and are much better and cheaper for Bay Windows than inside shutters.

Used and recommended by the leading Architects of the country.

When estimates are desired, please give exact size of sash (or sash openings).

Illustrated Circular on application. Please mention this paper.

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Important to Painters, Frescoers and Artists

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DEALER IN PAINTERS' SUPPLIES,
Has opened a superior and fresh stock of goods used by the trade, and offers to sell on as reasonable terms as can be purchased anywhere in the city. Call and see for yourself at
435 SIXTH AVENUE, between 26th and 27th Streets, and 1649 SECOND AVE, NEW YORK.
On hand a Selected Stock of the Latest Designs in Wall Paper.

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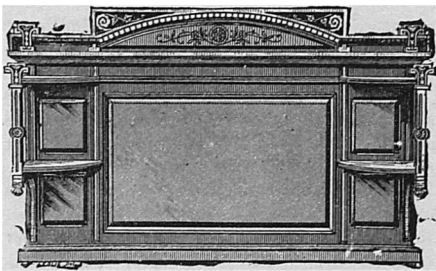
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ARTISTS IN ORIGINAL FRESCO DESIGNS,
(MODERN STYLES A SPECIALTY).

In receipt and constantly on hand the latest and choicest designs in
WALL PAPERS.
Decorators of LINCRUSTA WALTON, of which we keep the latest patterns. PAINTING in all its Branches.
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MANUFACTURER OF
Fine Cabinet Ware,
WEST 14TH AND CANAL STREETS,
CHICAGO, ILL.

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Electro Radiant

The body of the **Electro Radiant** is a coneshaped reflector which gathers each divergent ray of light and concentrates them all on the main reflector, whence the whole mass of brilliancy illuminates and projects the picture with startling clearness. No combination of lenses, however ingenious, has ever been known to produce equal effects with the light used. The cost of an outfit to enable you to do a profitable business is small compared with the amount of money it takes to do any other business. Any one of ordinary intelligence can operate it, and \$10 to \$50 per night may be earned by giving Parlor, Sunday School, Academy or Public entertainments. For Public Entertainments, the possessor of an **Electro Radiant** has something that will "draw" with the combined power of the Theatre, the Circus, the Prestidigitateur, the Country Fair, the Temperance Crusade, and the Camp Meeting. A room that will hold 100 persons may be filled nightly and a good profit be cleared. You have only to tack the sheet to the wall, darken the room, place the lantern on stand, light lamp, and you are ready to begin the exhibition. The **Electro Radiant** projects on the screen a Picture eight feet in diameter. \$10,000 were paid for the use of our Patent by Railroad Companies for Locomotive Headlights, it being considered the most wonderful light ever produced for the purpose. We have retained the exclusive right to make **Magic Lanterns** on the same principle, and the **Electro Radiant** is the result. The adjustment of Reflector, Lenses, Tubes, Slide, Rest and Cone are made with mathematical nicety. Optical laws governing such adjustments have been accurately calculated, so that you have in our Lanterns far more than appears, and we are placing within the reach of all, unsurpassed advantages for Learning, Amusement and Profit. The Transparent Slides for these Lanterns embrace views illustrating wonderful natural scenes from different parts of the world. The Scripture Subjects from both the Old and New Testaments. Temperance—Showing the folly and misery of the Drunkard. Art—Copies of famous Statues, Bas-reliefs, and Engravings. Miscellaneous—Such as Ships at Sea in a Storm, Steamboat Race, Fort Sumpter, Daylight Scene, Moonlight, etc. History—Landing of Columbus, Declaration of Independence, Yankee Doodle, etc., Comic—Slide Splitters without number. You can add to your assortment at any time. Lantern with slides complete, packed in neat box, may be easily carried in hand.—The **Electro Radiant No. 2** (shown in cut, with slides and fittings complete will be sent by express on receipt of \$12.00 or C. O. D. \$3.00 is sent with order, purchaser paying the balance, \$9.00 at express office. Full instructions and list of other views sent with each lantern. Send money order or registered letter, send all orders to

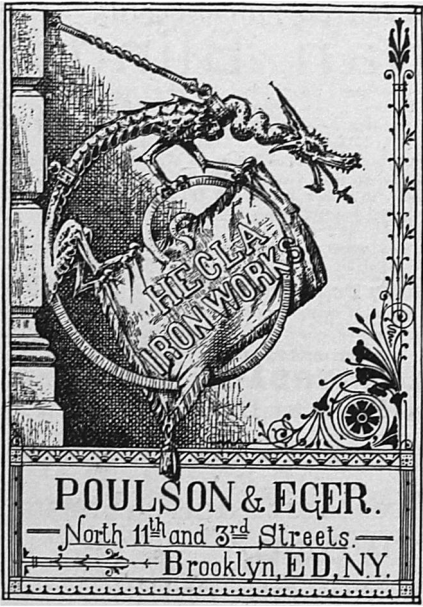
World Manfg Co. 122 Nassau Street, New York

\$25
For \$12

PATENTED
Perfection
at the
LOWEST
PRICE

\$10 to \$50 easily made
EVERY NIGHT.

This Lantern can be made very profitable at Church Fairs and Sunday School Entertainments, and a large amount of cash realized at a very small outlay.



Paneled, Fluted and Crimped
SHEET IRON CEILINGS,
Ornamental and Highly Attractive in Appearance.
FIRE PROOF AND DURABLE.

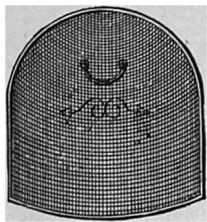
Will not crack, stain, or fall off like plaster; will not shrink, warp, or burn like wood. Suitable for Halls, Churches, Stores and Offices. These ceilings are especially valuable for ceiling over old plaster. The plaster need not be taken off. No plaster will sift through.

A. NORTHROP & CO.,
MANUFACTURERS OF
Sheet Iron Roofing and Building Materials,
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THE
DECORATIVE STAINED GLASS CO.
DESIGNS FURNISHED FOR
All Descriptions of Glass Work.
ORDERS PROMPTLY EXECUTED.
Nos. 5 & 7 EAST FOURTH STREET,
Near Broadway,
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SIDNEY L. SMITH, } All formerly with John La Farge.
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MINTON'S Tiles,
PLAIN AND ENCAUSTIC,
For Public Buildings and Dwellings,
AS IMPORTED BY US SINCE 1850,
And laid by us in the Capitols at Washington and Albany, and in numerous Churches, Banks, and Dwellings in every part of the Country,
GLAZED AND ENAMELED TILES,
For Mantels, Hearths, Wainscoting, &c., and for Exterior Decoration.
MILLER & COATES,
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"EXCELSIOR"
Fire Screens.

"Excelsior" Folding Dress Fenders a perfect protection for Open Fire Places or any Open Fire. These goods are a new design, and combine elegance with usefulness. For sale at all leading Grate and Fender Warehouses, and by the sole manufacturer,

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416 & 418 WEST FORTY-SECOND ST.,
Near 9th Ave. Elev. R'way. **NEW YORK.**

TIRRILL'S
EQUALIZING GAS MACHINE,
For making standard uniform Gas instantly without fire, danger, smoke or smell,
USING PLAIN BATWING BURNERS.
SEND FOR CIRCULAR.
O. TIRRILL, 39 Day St., New York.

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HINTS AND NOTIONS.

Facts worth knowing around the laundry.—That by adding two parts of cream of tartar to one part of oxalic acid, ground fine and kept dry in a bottle, you will find, by applying a little of the powder to rust stains while the article is wet, that the result is much quicker and better. Wash out in clear warm water to prevent injury to the goods.

That cold rain water and soap will take out machine grease, where other means would not be advisable on account of colors running, etc.

That turpentine in small quantities may be used in boiling white goods to a great advantage, as it improves the color, and the boiling drives off all odor. Resin in soap is quite another thing; it injures and discolors some goods, and shrinks woollens. Soap men argue that on account of the turpentine in the resin it assists in the washing. It is used for a filler and to make the soap hard and cheap. It is a fraud on the consumer.

That kerosene oil will soften leather belts or boots that have become hard from exposure or use around the wash room. Good for the harness when hard from rain or dampness. Wash with warm water, then grease with good animal oil or dressing like the following.

That the government harness dressing is as follows: One gallon of neatsfoot oil, two pounds of Bayberry tallow, two pounds beeswax, two pounds of beef tallow. Put the above in a pan over a moderate fire. When thoroughly dissolved add two quarts of castor oil, then while on the fire stir in one ounce of lampblack. Mix well and strain through a fine cloth to remove sediment, let cool, and you have as fine a dressing for harness or leather of any kind as can be had.

That baking-soda gives instant relief to a burn or scald. Applied either dry or wet to the burned part immediately, the sense of relief is magical. It seems to withdraw the heat and with it the pain. Keep it in the ironing room.

That Javelle water, often met with in works or articles on cleaning and dyeing, is made of one gallon of water and four pounds of ordinary washing soda. Boil for five or ten minutes, then add one pound of chloride of lime. Let cool, and keep corked in a jug or tight vessel.

That when acid has been dropped on any article of clothing, liquid ammonia will kill the acid, and then by applying chloroform you will restore the color in most cases.

That "cyanide of potassium" will remove all indelible inks whose base is nitrate of silver. Being a deadly poison, it will be hard to get from the druggist in most cities. Turpentine or alcohol rubbed in hot removes the new inks, using soda and soap freely in hot water afterward.—*National Laundry Journal.*

A delightful recreation may be found in the preparation of floral note papers. Collect from the heaths and hedgerows any small flowers, mosses, ferns, grasses of a suitable kind, and dry them in books with a little pressure. The yellow flowers keep their colors best, but all kinds of flowers, if small, and of such form as to submit to be flattened without injury, will serve the purpose. Many kinds of leaves are as suitable as flowers, more especially of such plants as the small cranesbills, and the little tormentil. The garden will supply its share of subjects, but the wild stuff is always preferable, and the interest is augmented when the papers represent the beauties of some particular place. A fair artist in this kind of work traveled much and took with her a little pot of gum wherewith to prepare note papers for her letters to friends, and she would often add a happy word, writing beneath the flowers "Sunshine from Ben Nevis," or "A garland from Plinlimmon," etc.

In mounting them it is sufficient generally to touch the dried flowers with a little clear gum, but sometimes the botanists' method is best. It consists in fixing the flowers with tiny slips of paper laid across here and there. The delight of friends in reading letters written on papers prepared in this way need not here be enlarged upon.—*Ladies' Gazette of Fashion.*

Low long divans with square corners and movable pillow backs are chosen for comfort, while there are many short sofas and *confidants* for two, and also others arranged with arm seats for three persons, made with the back and arms of carved wood, while the seat alone is covered plainly with materials not tufted as formerly.

Colored glass lanterns are pretty substitutes for chandeliers in drawing-rooms.

Special Food for the Brain and Nerves,
Composed of the Nerve Giving Principles of the Ox Brain and Wheat Germ.
VITALIZED PHOSPHITES.

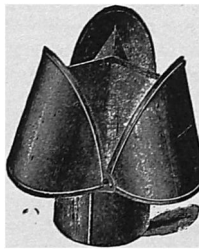
This is a Standard Preparation with all Physicians who treat Nervous or Mental Disorders, For twelve years its careful chemical composition has been superintended by a Professor of Materia Medica and Chemistry, and its correct analysis vouched for by a Professor of Chemistry and Technology. It is the only **Vital Phosphite known**; other preparations of Phosphorus are laboratory compounds. **Formula on every label.**

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FOR VENTILATING PUBLIC AND PRIVATE BUILDINGS, RAILROAD CARS, SOIL AND WATER PIPES AND WATER CLOSETS.

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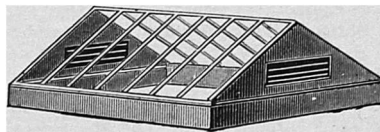
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AGENCIES

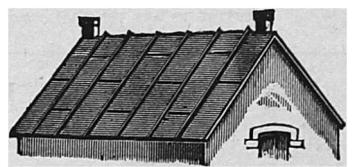
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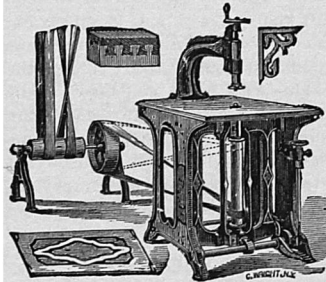
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SOLID STEEL CUTTERS,

For all kinds of Variety Moulders, made to order and warranted.

Send for Pamphlet and sample of work.

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WANTING
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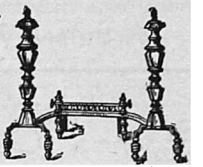
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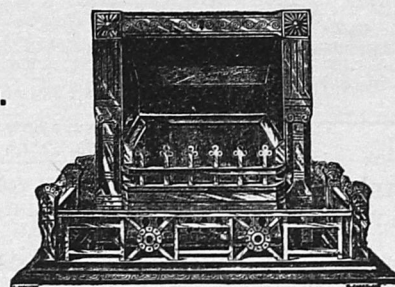
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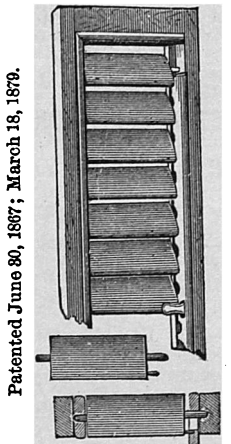
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HAMMOND'S WINDOW SASH SPRINGS, the simplest, most convenient and most durable made, for supporting (when open) and locking (when closed) the sashes of windows of all sizes. In windows having weights, these springs can be used as a *sash lock*, not only to lock the sashes when closed, but to lock them when open for ventilation, thus preventing the entrance of thieves. 1 set, style B, with silver-plated thumb-pieces, mailed for 20 cts. 1 set, style A, 15 cts. These are finished in Berlin bronze, and the thumb-pieces can be decorated with gold bronze. Circulars with samples give cuts and full directions for applying to window, etc. Manufactured by W. S. HAMMOND, Lewisberry, York Co., Pa.

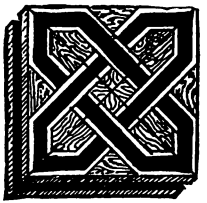
ACME WINDOW BLIND.



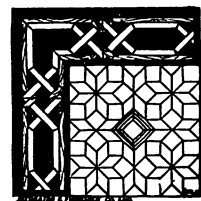
The attention is called to the advantages possessed by the ACME WINDOW BLIND over the old style of shutters, the construction of which is fully illustrated in the engraving. The slats are operated by a knob attached to a movable bead at one end, thus doing away with the unsightly center rod. The pins supporting and operating the slats are of metal, which do not shrink or swell by atmospheric changes, thus permitting a better fit and avoid all rattling. The slats can be rolled in either direction, and closed so tightly that no light will be admitted. They will also remain in any position. Broken slats are easily replaced, only the screws securing the bead having to be removed. These Blinds are endorsed by the leading architects as the best and most complete inside blind manufactured, and adopted in the lately furnished dwellings of the Vanderbilts, Golets, Stuart, Bishop, Morgan, Ruppert, Hoffman House, Progress Club, Knickerbocker Apartment building, and many other modern and first-class buildings. We invite their examination by those intending to furnish.

MORSTATT & KLATZL,
Patentees and Sole M'ts,
227 & 229 West Twenty-ninth St., near Seventh Ave., New York.

Parquet Floors.
WM. HANNAM & Co.,
297 FIFTH AVENUE,
Formerly 81 East 17th St.,
NEW YORK.
¾ inch tongue and grooved, European styles, solid and substantial.
Also, ¼ inch Fancy Wood Carpet Floors.
Book of Designs, 3 cts.



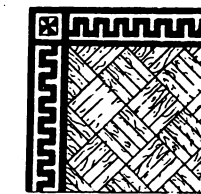
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Hard Wood Fancy Floors
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HARD WAX
FINISH
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AMERICAN BUSINESS GUIDE,
231 Broadway, New York.

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HINTS AND NOTIONS.

The dandies of Venice in its golden days piqued themselves on the elegance of their visiting cards. At one time they carried a picture of the Rialto; at another the fashionable pattern was a sketch of some of the statues round the Valle at Padua; but the more modish esthetic were not content with cards cast off by the hundreds for every one, but designed their own cards, bestowing much labor and ingenuity on the work, or they employed some distinguished artist to furnish them with a design. Even Canova did not refuse to put his genius to this service for his friend Capello; and one of the most beautiful of these Venetian visiting cards is that drawn and printed in London for Alvise Pisani by Henry Tresham, the English painter.—*Paper World.*

Adhesive paper. Paper in sheets, half of which are gummed on both sides, and the other half on one side, and divided into strips and squares of different sizes by perforations, like sheets of postage stamps, are very convenient in many ways—the doubly-gummed answering for fixing drawings in books, labels on glass, etc. It is stated that the mixture by which it is coated is prepared by dissolving six parts of glue, previously soaked for a day in cold water, two parts of sugar, and three parts of gum arabic, in twenty-four parts of water, by the aid of heat.

A useful as well as ornamental umbrella holder for hanging on the wardrobe door can be made in this way: Take unbleached linen canvas and cut a strip about one yard long (or length of umbrella) and ten inches wide. To this add or lay on top a similar sized piece. Stitch down through the center. This gives two pockets or cases for umbrellas. Sew red or colored braid loop on at top to hang by. They are pretty with applied figures or monograms, worked in bright silks and bound to match.

Roman brass work that is so dirty by smoke and heat as not to be cleaned with oxalic acid, should be thoroughly washed and scrubbed with soda, or potash water, or lye. Then dip in a mixture of equal parts of nitric acid, sulphuric acid, and water; or, if it cannot be conveniently dipped, make a swab of a small piece of woolen cloth upon the end of a stick, and rub the solution over the dirty or smoky parts; leave the acid on for a moment and then wash clean and polish.

Sizing for window shades. Stretch the muslin well upon the frame. Soak over night one-half pound of the best white glue in four gallons of water; in the morning turn it off and boil the glue. It must be very thin. Add a small piece of Castile soap scraped fine. To have it more transparent add two ounces powdered alum. It must be put on quick, while warm. Gamboge for painting shades must be dissolved in alcohol; carmine in spirits of hartshorn.

Liquid for brightening and setting colors. To every pint of strong aquafortis, add one ounce of grain tin, and a piece of sal-ammoniac of the size of a walnut; set it by to dissolve, shake the bottle round with the cork out, from time to time; in the course of two or three days it will be fit for use. This will be found an admirable liquid to add to any color, as it not only brightens it, but renders it less likely to fade from exposure to the air.

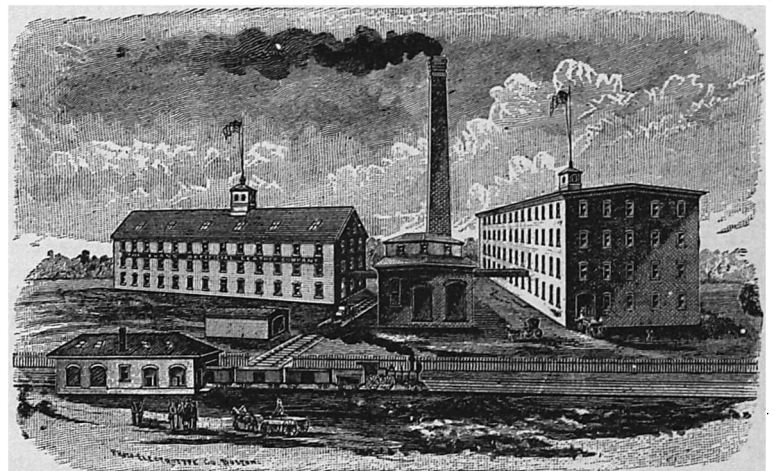
Purple dye. To two pounds of chip log-wood and half a pound of Brazil dust, add four gallons of water, and after putting in the veneers, boil them for at least three hours; then add six ounces of pearl-lash and two ounces of alum; let them boil for two or three hours every day, till the color has struck through. The Brazil dust only contributes to make the purple of a redder cast; you may, therefore, omit it, if you require a deep bluish purple.

Common resin is generally dissolved either in turpentine or linseed oil with heat. Varnish made with resin is hard and brittle, but brilliant, and is principally employed to make cheap varnishes for common purposes in house painting, toys, and cabinet work. It is also added to other varnishes in order to improve their brilliancy, but it should be added in small quantities only, as a large proportion of resin renders the varnish brittle.

A dark wainscot oak ground. Mix white lead, middle chrome, and yellow ochre.

Persian rugs are used as covers for large dining-room furniture.

HAVE YOU TRIED THE IMPROVED SUBSTITUTE FOR LEATHER.



Medals received for Best Substitute for Leather at the Cincinnati and Louisville Expositions of 1883.

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IT COSTS LESS, varying from one-third to two-thirds, according to the kind of leather it is used in place of.

It is especially adapted for **UPHOLSTERING FURNITURE**, for **LAMBREQUINS**, **PORTIERES**, and **DECORATIVE** purposes generally.

Special attention is called to our **ALLIGATOR** goods, being now largely used for furniture coverings, and also our **NEW EMBOSSED LEATHER SUBSTITUTE** in any design suitable for wall decorations, ceilings, and other purposes.

WALTER N. DOLE,
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92 Pearl Street, Boston.

In sending for Samples state the purpose for which the Goods are intended.

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Estimates on work in any part of the country furnished on application.

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MACHINERY CASTINGS OF EVERY DESCRIPTION.
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Correspondence solicited and estimates furnished on application.

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To my Friends and the Public.—Send your orders. I guarantee that all Carpets will be thoroughly cleaned and freed from moth, dust, spots and stains, and we air Carpets thoroughly. I have a reliable system for Packing Carpets for store house or the summer, and warrant them from the ravages of moth. Carpets taken up, cleaned and relaid. Orders sent by mail, also work from out of the city promptly attended to. We would respectfully announce to those having Fine Carpets to clean, that we have for a succession of years past done work for the house of Messrs. Pottier & Styms Co., to whom we refer for our responsibility and work.

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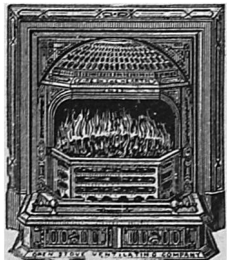
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with the power and
economy of a warm air
furnace: also full lines
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Stoves, Ranges, etc. Send for Price List.OPEN STOVE VENTILATING CO.,
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A PURELY VEGETABLE TONIC,
INFALLIBLE FOR THEGrowth, Restoration & Preservation
OF THE

HUMAN HAIR.

It is a sure and speedy cure for all kinds of Head
Skin Diseases, Tetter, Ringworm, Scald
Head, and Eruptions of all sorts.An agreeable, refreshing tonic, giving instant
relief from pains, sores, fever and
HEADACHE.The only Hair Tonic that has ever been
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MEDAL + OF + EXCELLENCE.

Dandruff is the result of a languid, unhealthy
condition of the surface vessels of the scalp, a
premonitory symptom of the falling of the hair,
whereby the perspiration becomes thick and
clammy, and adheres to the surface, which, when
dry, forms a scurf or dandruff. The daily applica-
tion of the COROLLAS will soon free the
head from all dandruff, and promote the growth
of the hair.

ONCE TRIED ALWAYS USED.

GIVE IT A TRIAL AND TEST ITS MERITS.

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HINTS AND NOTIONS.

Harmony of contrast is the most suitable
to papers of a uniform pure color, such as yel-
lows, greens and blues, consequently we
recommend for the dominant color of the
border the complementary of that of the hang-
ings, whether this border represents ornaments,
arabesques, flowers or imitation of stuffs, either
fringes or tissues. But as every contrast of
color ought not generally at the same time to
offer a contrast of tone, then the general tone
of the border must only exceed that of the
hangings by the number of degrees necessary
to avoid a deadening effect in the assortment.
If a double border is required—for example, an
interior border of flowers, and an exterior
border—the latter must be of a much deeper
tone than the other, and must always be
smaller.

An incandescent gas light is a novelty
in London. The principle of the burner is the
mixing of air, under pressure, with common
gas, the light being produced by the incandes-
cence of a platinum wire gauze cap, which
forms the apex of the burner. The air and gas
so mingle at the burner, that perfect combus-
tion takes place, and it is impossible for any
unconsumed carbon to escape. It is stated that
the quantity of gas consumed is 17 per cent.
less than with the ordinary system, but that
fully double the candle power is obtained. An
arrangement of this system has been perfected
for house lighting.

In consequence of an apartment never
being too light, since we can diminish the day-
light by means of blinds, curtains, etc., and, on
the other hand, when night brings the most
vivid and economic light, other things being
equal, it is necessary, on that account, for the
hangings to be of a light and not of a dark
color, so that, in place of absorbing light, they
reflect much of it.

Conch shells filled with earth make a
pretty receiver for growing plants. Air plant
thrives well arranged thus, as it requires but
little earth. If you wish to plant ferns in such
shells, and particularly if the shells are small,
it is well to mix the soil with sand as it retains
the moisture.

From the importance given to the light-
ing of a theater, we might conclude that light
colors would generally predominate; for no
one can be ignorant how much light such dark
colors as blue and crimson require, in order to
become illuminated.

An improved door is an invention. The
object is to so construct a door that it may be
used for a tight storm door, a glass panel door,
a screen or woven wire door, and it provides
for detachable panels of wood, glass or woven
wire, with special forms of construction.

A pedestal for a vase or bust may be of
gilt bronze with plush top and jeweled glass
ornaments, or it may be a cabinet-pedestal with
shelves below, inclosed by glass doors, for
holding fine porcelain or for other treasured
bric-a-brac.

If we must have pictures near stained
windows, they should be flat, or present sub-
jects as simple as possible, since their effects
are entirely sacrificed to those of the stained
glass.

The linings of the boxes of a theatre
should never be rose-red, wine-red or light
crimson, because these colors have the serious
disadvantages of making the skin of the spec-
tator more or less green.

Hay water is a great sweetener of tin,
wooden and iron ware. In some dairies every-
thing used for milk is scalded with hay water.
Boil a handful of sweet hay in water and put in
the vessel when hot.

Dark hangings, whatever may be their
color, should be proscribed, because they ab-
sorb too much light; also red and violet hang-
ings, because they are exceedingly unfavorable
to the color of the skin.

Whenever we would enhance the value of
rose complexions by means of a colored
ground, the color least favorable will be rose,
and the most favorable pale green.

From the bad effect of the mutual prox-
imity of white and stained glass, it follows that
where one is employed in a very large window
the other must be excluded.

Double screens for country homes are
made of checkered matting, with a dado a
frieze of bamboo.

Broad friezes are becoming more fashion-
able.

Thompson & Reed's **AVOCA QUARRIES.**
The best light colored Stone for Interior
Decorations
BEDFORD OOLITIC LIMESTONE
Susceptible to a high and enduring polish
Statuary and other rich
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and School Desks. We ac-
knowledge no superior in these
departments all made by
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FRANK'S Patent Reflectors give
the Most Powerful, the Softest,
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for Churches, Stores, Show Windows,
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circular and estimate. A liberal discount
to churches and the trade.
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& MODURDS
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FIREPLACE GRATES.
The Heating Power of Three
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Great Saving in Fuel
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Perfectly Clean and Free from Dust.

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tonio, Tex. (60 in use).
Send for Handsomely Illustrated Catalogue, and
state where you saw this advertisement.

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Designer and Manufacturer of
FINE ART FURNITURE.
MANTELS A SPECIALTY.
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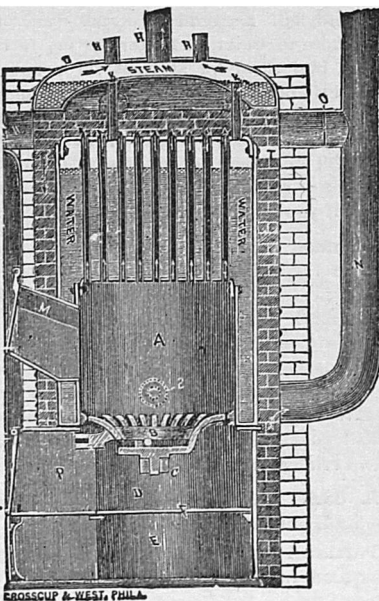
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